Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work : Detailed Estimated for Improvements and Asphalting at Babanna Layout 1st Main Road to Hesaraghatta Main Road Junction in Shettihalli Ward No. 12

Est.Cost Rs 43.00 Lakhs

Sl.No.	Description of Items	Unit	No.	L.	B.	D	Qty.	Rate	Amount
1	2		3	4	5	6	7	8	9
1	KSRB 2-1.2: Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2012-13								
	Total Length of road for Asphalt	16600 ~~16631.30x~~ 6/100	1	996 ~~1332.00~~		0.15	149.40 ~~199.80~~	58.32	8713.00
							~~199.80~~	~~112.32~~	~~22442.00~~
	Basic Rate	~~104.00~~	54.00				149.40		
	Area Weightage 8%	~~8.32~~	4.32						
		~~112.32~~	~~58.32~~						
2	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.MORTH Specification No. 406 Page No. 167/ Item No. 20.18/ PWD SR 2012-13								
			1	~~1332.00~~ 996		0.20	199.20 ~~266.40~~		211048.00
							~~266.40~~ 199.20	1059.48	~~282245.00~~
	Basic Rate	981.00							
	Area Weightage 8%	78.48							
		1,059.48							
3	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 Page No. 172/ Item No. 21.2/ PWD SR 2012-13								
	4th Cross to Hesaraghatta main road	Sqm	1	360.00	(5.5+5.5)/2		1980.00		
	4th A cross		1	140.00	(6.0+5.0)/2		770.00		
	4th Cross		1	295.00	(5.0+6.0)/2		1622.50		
	1st Main		1	166.00	(5.5+5.0)/2		871.50		
	Babanna Layout main road		1	130.00	(5.5+5.4)/2		708.50		
	1st Cross		1	330.00	(5.0+5.5)/2		1732.50		
	2nd Cross		1	180.00	(5.5+5.2)/2		963.00		
	5th Cross		1	294.00	(5.5+5.4)/2		1602.30		
	5th Main near BNR school		1	190.00	(5.2+5.3)/2		997.50		
	BNR school road		1	160.00	(5.0+5.3)/2		824.00		
	3rd Cross		1	290.00	(5.0+6.0)/2		1595.00		
	3rd A Cross		1	79.00	(5.0+6.0)/2		434.50		

2614

	Kuvempu College Road		1	460.00	(5.0+6.0)/2		2530.00		
							16631.30	2.38	39516.00
	Basic Rate	2.20							
	Area Weightage 8%	0.18							
		2.38							
4	KSRRB 500-10 : Tack Coat:- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom complete as per specifications using bitumen emulsion. MORTH Specification No.503 (Page No.173, Item No. 21.10.1)								
	4th Cross to Hesaraghatta main road	Sqm	1	360.00	(5.5+5.5)/2		1980.00		
	4th A cross		1	140.00	(6.0+5.0)/2		770.00		
	4th Cross		1	295.00	(5.0+6.0)/2		1622.50		
	1st Main		1	166.00	(5.5+5.0)/2		871.50		
	Babanna Layout main road		1	130.00	(5.5+5.4)/2		708.50		
	1st Cross		1	330.00	(5.0+5.5)/2		1732.50		
	2nd Cross		1	180.00	(5.5+5.2)/2		963.00		
	5th Cross		1	294.00	(5.5+5.4)/2		1602.30		
	5th Main near BNR school		1	190.00	(5.2+5.3)/2		997.50		
	BNR school road		1	160.00	(5.0+5.3)/2		824.00		
	3rd Cross		1	290.00	(5.0+6.0)/2		1595.00		
	3rd A Cross		1	79.00	(5.0+6.0)/2		434.50		
	Kuvempu College Road		1	460.00	(5.0+6.0)/2		2530.00		
				3074.00	Avg 5.00		**16631.30**	10.80	179618.00
	Basic Rate	10.00							
	Area Weightage 8%	0.80							
		10.80							
5	KSRRB M500-18: Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications. With 80/100 grade bitumen Page No. 175/ Item No. 21.20.1/ PWD SR 2012-13								
		Cum	1	360.00	(5.5+5.5)/2	0.025	49.50		
			1	140.00	(6.0+5.0)/2	0.025	19.25		
			1	295.00	(5.0+6.0)/2	0.025	40.56		
			1	166.00	(5.5+5.0)/2	0.025	21.79		
			1	130.00	(5.5+5.4)/2	0.025	17.71		
			1	330.00	(5.0+5.5)/2	0.025	43.31		
			1	180.00	(5.5+5.2)/2	0.025	24.08		
			1	294.00	(5.5+5.4)/2	0.025	40.06		
			1	190.00	(5.2+5.3)/2	0.025	24.94		
			1	160.00	(5.0+5.3)/2	0.025	20.60		
			1	290.00	(5.0+6.0)/2	0.025	39.88		
			1	79.00	(5.0+6.0)/2	0.025	10.86		
			1	460.00	(5.0+6.0)/2	0.025	63.25		

							415.78	8829.00	3670944.00
	Basic Rate	8,175.00							
	Area Weightage 8%	654.00							
		8,829.00							
6	KSRRB M800-13. Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and lying of hot applied Thermoplastic Compound 2.5mm thick including Reflectrising Glass Beads at 250 gms per Sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803. Page No. 194/ Item No. 24.15/ PWD SR 2012-13								
	Center Line	0.50	1	3100.00 3074	0.10		155.00		
							155.00	429.84	**66625.00**
	Basic Rate	398.00							
	Area Weightage 8%	31.84							
		429.84							
7	KSRRB 400-1.3: Carriage of mixed materials 10 kms for items of Sl.No.19.1 to 19.6 and 19.8 to 19.16 (Page No.183)								
	Qty.vide item No. 3	Cum					415.78		
							415.78	56.70	23575.00
	Basic Rate	52.50							
	Area Weightage 8%	4.20							
		56.70							
8	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20 (P.147 I.18.57/1)								
	Qty Vide Item No=1						199.80 100.00	94.82	9482.00
	Qty Limited to						149.00	100.35	14953.00
	Basic Rate	25.60		20.48			100.00		4209521.00
	Loading and Unloading Charges	67.32		67.32					
		92.92		87.80					
	Area Weightage @ 8%	7.43		7.02					
	Total	100.35		94.82				Misc & L. S.	90479.00
9	Miscellaneous and other unforseen charges								82.00
								Total	4300000.00
	(Rupees Fortythree Lakhs Only)								

CERTIFICATE

1 The work sport has been inspected and the work found to be necessary
2 This estimate is prepared as per the PWD S.R of 2012-13
3 The provisions made in estimate are adequate and essential
4 This area comes under BBMP limits

Asst. Engineer
Ward No-12

Asst.Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

Project Engineer (PE-4)
KRIDL, Dasarahalli Zone, Bangalore

ನಂ. JC(DH) AS 729/12-13 ದಿನಾಂಕ : 28/02/13
ರೂ. 43.00 lakhs (Rupees Forty three lakhs only)
ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
Page No: 131
Sl. No: 729
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ದಿನಾಂಕ 4/03/2013
ರೂ. 43.00 ಲಕ್ಷಗಳು (ನಲವತ್ತಮೂರು ಲಕ್ಷಗಳಿಗೆ ಮಾತ್ರ)
ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
Chief Engineer
Bruhat Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.